



FIRE ALARM SYSTEM GENERAL NOTES:

- F1. ALL FIRE ALARM SYSTEM DEVICES SHALL BE CONNECTED COMPLETELY TO THE EXISTING FIRE ALARM SYSTEM IN ACCORDANCE WITH ENGINEER APPROVED MANUFACTURER'S SHOP DRAWING, WIRING DIAGRAM AND DETAILS.
- F2. ALL FIRE ALARM SYSTEM CONDUCTORS SHALL BE INSTALLED IN 3/4" MINIMUM SIZE CONDUIT SYSTEM.
- F3. IN GENERAL, ALL MANUAL PULL STATIONS SHALL BE INSTALLED AT 4'4" MINIMUM SIZE CONDUIT SYSTEM. MANUAL PULL STATIONS SHALL BE INSTALLED WITH 5'-0" OF EXISTING HOORWAY FINISHES AT EACH END ON EACH FLOOR. ADDITIONAL MANUAL PULL STATIONS SHALL BE PROVIDED SO THAT THE TRAVEL DISTANCE TO THE NEAREST PULL STATION WILL NOT EXCEED 200' MEASURED HORIZONTALLY ON THE SAME FLOOR.
- F4. ALL AUDIO/VISUAL AND VISUAL ONLY FIRE ALARM SYSTEM DEVICES SHALL BE AID TYPE. IN ALL CASES VISUAL DEVICES SHALL BE WELL MOUNTED AT 8'0" ABOVE FINISHED FLOOR. VISUAL DEVICES SHALL BE LOCATED NOT MORE THAN 15' FROM THE END OF ALL CORRIDORS WITH A SEPARATION NOT GREATER THAN 100' BETWEEN DEVICES. AUDIO DEVICES COMBINATION AUDIO/VISUAL DEVICES AND ADDITIONAL VISUAL ONLY DEVICES SHALL BE INSTALLED AT LOCATIONS AS INDICATED ON FLOOR PLANS.
- F5. IN GENERAL, SMOKE DETECTORS SHALL BE INSTALLED ON CEILINGS WITH SPOKING NOT TO EXCEED MANUFACTURER'S RECOMMENDATION.
- F6. SENSITIVE SYSTEM WATERLOO ALARM INDICATING DEVICES SHALL BE CONNECTED COMPLETE TO THE FIRE ALARM SYSTEM.
- F7. DETECT TYPE SMOKE DETECTORS SHALL BE PROVIDED FOR ALL HVAC RETURN AIR SYSTEMS WITH DESIGN CAPACITY GREATER THAN 2,000 CFM, WHERE RETURN AIR RATES SHOWN OR MORE SMOKE SENSITIVE, WITH DESIGN CAPACITY GREATER THAN 15,000 CFM. DETECT DETECTORS SHALL BE PROVIDED AT EACH ROOM OR SPACE, SMOKE DETECTOR LOCATIONS AND POSITION OF DETECT DUCT LENGTHS WITH THE MECHANICAL CONTRACTOR PRIOR TO FLOORING.
- F8. PROVIDE ALL FIRE ALARM SYSTEM COMPONENTS NECESSARY FOR SHUT DOWN OF HVAC EQUIPMENT BY THE FIRE ALARM SYSTEM WHERE SMOKE IS REQUIRED.
- F9. SMOKE DETECTORS SHALL BE INSTALLED WITH 5'-0" OF CENTERLINE OF SMOKE DOORS ON HOLD-OPEN.

GENERAL NOTES:

01. REFER TO THE ARCHITECTURAL PLANS FOR EQUIPMENT LOCATIONS. CLOSELY COORDINATE THE EXACT LOCATION OF ALL PIPES AND DEVICES WITH ARCHITECTURAL ELEVATIONS ABOUT LOCATIONS AND MOUNTING HEIGHTS WHERE NECESSARY TO PREVENT INTERFERENCE WITH FURNITURE, FIXED CEILING, EQUIPMENT, ETC. VERIFY ALL CHANGES PRIOR TO PROCEEDING.
02. REFER TO THE ARCHITECTURAL PLANS FOR REFLECTED CEILING PLAN, CLOSELY COORDINATE LOCATION OF SMOKE DETECTORS AND SPEAKERS WITH LIGHTING FIXTURES, HVAC DUCTS, DIFFUSERS, SPRINKLERS, PLUMBING, ETC. AND ADJUST LOCATIONS OF SELECTED ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ENGINEER'S INSTRUCTIONS.
03. ALL NEW ELECTRICAL UTILITIES IN CORRIDORS SHALL BE ROUTED AS HIGH AS POSSIBLE.
04. REFER TO ARCHITECTURAL PLANS FOR FINISHING AND CONSTRUCTION SCHEDULING NOTES.

CODED NOTES:

- 1 REINSTATE EXISTING CEILING MOUNTED DEVICES (SPEAKERS, SMOKE DETECTORS, ETC.) AFTER MECHANICAL WORK ABOVE CEILING IS COMPLETED. REMOVE EXISTING CEILING DEVICES AND REINSTATE.
- 2 EXISTING CABLE TIE AT EXISTING FINISHED CEILING TO REMAIN. MAINTAIN EXISTING CABLE ROUTED IN CABLE TRAY AND CONTINUITY TO ALL EXISTING TCO'S SERVED BY THE CABLEING. PROTECT CABLEING FROM DAMAGE WHILE MECHANICAL WORK ABOVE FINISHED CEILING OCCURS.
- 3 PROVIDE NEW PAINTING SPEAKER TO MATCH EXISTING TYPE (COMPLETE WITH GRILL, BACKBOX, ETC.) AND CONNECT TO EXISTING SYSTEM VIA 3/4"CS AND WIRING TO MATCH EXISTING - TYPICAL.
- 4 CONNECT WYE CIRCUIT TO NEW 20A-1P BREAKER IN EXISTING PANEL, RCL1. PROVIDE UPDATED TYPED PANEL SCHEDULE.
- 5 CONNECT WYE CIRCUIT TO SPARE 20A-1P BREAKER IN EXISTING PANEL, RCL1. PROVIDE UPDATED TYPED PANEL SCHEDULE.
- 6 CONNECT NEW FIRE SMOKE DAMPER TO SPARE 20A-1P BREAKER IN EXISTING LIFE SAFETY PANEL, LCB3-LS-4 VIA 3/4"CS - #12 & #12 GROUND.
- 7 CONNECT ALL NEW FIRE ALARMS IN BASEMENT TO EXISTING FIRE ALARM SYSTEM. PROVIDE ALL ADDITIONAL WIRING TO EXISTING NETWORK DOWNS, BATTERIES, POWER SUPPLY EXTENDER, ETC.) REQUIRED TO SUPPORT THE NEW FIRE ALARM SYSTEMS. PROVIDE ALL NEW FIRE ALARM DEVICES TO MATCH EXISTING SYSTEMS AND TEST FOR PROPER OPERATION.

FULLY SPRINKLERED

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PERSPECTUS ARCHITECTURE

POWER AND TELECOM. PLAN
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